



Receipt

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	09/819,941
		Filing Date	March 27, 2001
		First Named Inventor	Stacey, Fred
		Art Unit	2183
Examiner Name		Unassigned	
Total Number of Pages in This Submission		Attorney Docket Number	020510-001000US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Request for Corrected Filing Receipt 2. Supplemental ADS 3. Return Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
<div style="text-align: right;"><b>RECEIVED</b> MAR 04 2004 Technology Center 2600</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Townsend and Townsend and Crew LLP Charles Hamilton Reg. No. 42,624
Signature	
Date	January 28, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	M. Diane Dubé		
Signature		Date	January 28, 2004



PATENT  
Docket No.: 020510-001000US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

FRED STACEY et al.

Application No.: 09/819,941

Filed: March 27, 2001

For: FLEXIBLE BUFFERING SCHEME  
FOR MULTI-RATE SIMD PROCESSOR

CUSTOMER NO. 20350

Examiner: Unassigned

Art Unit: 2183

Confirmation No. 2962

REQUEST FOR CORRECTED FILING  
RECEIPT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Sir:

Correction of the attached Filing Receipt is requested in that the address of inventor, Yatish Kumar, Ottawa, Canada, is missing. Applicants request that they be sent an Updated Filing Receipt reflecting inventor Kumar's address. A copy of the Declaration filed with the Response to Missing Parts and dated by all three inventors on July 17, 2001, is also attached. Applicants are also submitting a Supplemental ADS with this Request.

Respectfully submitted,

Charles Hamilton  
Reg. No. 42,624

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: (415) 576-0200  
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CLH:dd  
Attachment  
60128510 v1



CLH  
020510 601 000US

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/819,941	03/27/2001	2183	420	020510-10.00	2	8	2

20350  
TOWNSEND AND TOWNSEND AND CREW  
TWO EMBARCADERO CENTER  
EIGHTH FLOOR  
SAN FRANCISCO, CA 94111-3834



CONFIRMATION NO. 2962  
UPDATED FILING RECEIPT



\*OC000000006957353\*

Date Mailed: 10/23/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Fred Stacey, Carleton Place, CANADA;  
Christian Bourget, Hull, CANADA;  
Yatish Kumar, ~~Residence Not Provided,~~ Ottawa, CANADA

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**Domestic Priority data as claimed by applicant**

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**Foreign Applications**

CANADA 2,303,604 03/31/2000

**If Required, Foreign Filing License Granted 05/26/2001**

**Projected Publication Date: 01/31/2002**

**Non-Publication Request: No**

**Early Publication Request: No**

**\*\* SMALL ENTITY \*\***

**Title**

Flexible buffering scheme for multi-rate SIMD processor

**Preliminary Class**

712

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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Attorney Docket No.: 02051, 0  
Client Ref. No.:

PTO/SB/01A (10-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

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**Technology Center 2600**

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or  
☒ Application No. 09/819,914, filed on March 27, 2001,  
☐ as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**

Inventor one Fred Stacey Date: 07/17/2001  
Signature: [Signature] Citizen of: Canada

Inventor two Christian Bourget Date: 07/17/2001  
Signature: [Signature] Citizen of: Canada

Inventor three Yatish Kumar Date: 07/17/2001  
Signature: [Signature] Citizen of: Canada

Inventor four \_\_\_\_\_ Date: \_\_\_\_\_  
Signature: \_\_\_\_\_ Citizen of: \_\_\_\_\_

☐ Additional inventors are being named on \_\_\_\_\_ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
PA 3135712 v1



**Certificate of Mailing:**

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File No.: 020510-10.00US Attorney/Sec'y: CLH:ks

Appln. No.: 09/819,941 Filed: March 27, 2001

Inventor(s): Fred Stacey et al.

Title: **Flexible Buffering Scheme For multi-Rate SIMD Processor**

Enclosed are:

- 1) Transmittal Form (1 p);
- 2) Petition For Extension of Time Under 37 CFR 1.136(a) (in duplicate) (1 p);
- 3) Fee Transmittal (in duplicate) (1 p);
- 4) Power of Attorney or Authorization of Agent (1 p);
- 5) Statement Under 37 CFR 3.73(b);
- 6) Copy of Patent Assignments in the chain of title;
- 7) Executed Declaration (37 CFR 1.63) For Utility or Design Application Using An Application Data Sheet (37 CFR 1.76)
- 8) Copy of Notice to File Missing Parts of Nonprovisional Application (1 p); and
- 9) Return Receipt Postcard.

Due Date: September 29, 2001

Atty/Secy CLH:ks

PA 3169157 v1

Date Mailed: September 7, 2001

File No.: 20510-10.00US

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File No.: 020510-10.00US Attorney/Sec'y: CLH:ks

Appln. No.: 09/819,941 Filed: March 27, 2001

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- 9) Return Receipt Postcard.

Due Date: September 29, 2001

Atty/Secy CLH:ks

PA 3169157 v1

Date Mailed: September 7, 2001

File No.: 20510-10.00US





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Bib Data Sheet

CONFIRMATION NO. 2962

<b>SERIAL NUMBER</b> 09/819,941	<b>FILING OR 371(c) DATE</b> 03/27/2001 <b>RULE</b>	<b>CLASS</b> 370	<b>GROUP ART UNIT</b> 2665	<b>ATTORNEY DOCKET NO.</b> 020510-10.00	
<b>APPLICANTS</b> Fred Stacey, Carleton Place, CANADA; Christian Bourget, Hull, CANADA; Yatish Kumar, Ottawa, CANADA;  <b>** CONTINUING DATA *****</b>  <b>** FOREIGN APPLICATIONS *****</b> CANADA 2,303,604 03/31/2000  <b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED** SMALL ENTITY **</b> <b>** 05/26/2001</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> CANADA	<b>SHEETS DRAWING</b> 2	<b>TOTAL CLAIMS</b> 8	<b>INDEPENDENT CLAIMS</b> 2
<b>ADDRESS</b> 20350					
<b>TITLE</b> Flexible buffering scheme for multi-rate SIMD processor					
<b>FILING FEE RECEIVED</b> 420	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		